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**ORIGINAL**

***Application of***  
***Total Environmental Solutions, Inc.***  
***For Approval of an Adjustment in Rates and***  
***Charges for Water and Sewer Services***

***Hearing Date: August 4, 2004***

***Docket No. 20034-90-W/S***

***Direct Testimony of***  
***Sharon G. Scott***  
***Audit Department***

***Public Service Commission of South Carolina***

RETURN DATE: DK RNG  
SERVICE: OK RNG

**TESTIMONY OF SHARON G. SCOTT****FOR****THE PUBLIC SERVICE COMMISSION OF SOUTH CAROLINA****DOCKET NO. 2004-90-W/S****IN RE: TOTAL ENVIRONMENTAL SOLUTIONS, INC.**

**Q. PLEASE STATE YOUR NAME, BUSINESS ADDRESS AND OCCUPATION.**

A. My name is Sharon G. Scott. My business address is 101 Executive Center Drive, Columbia, South Carolina. I am an Auditor for the Public Service Commission of South Carolina.

**Q. PLEASE STATE YOUR EDUCATIONAL BACKGROUND AND YOUR BUSINESS EXPERIENCE.**

A. I received a B.S. Degree in Business Administration, with a major in Accounting from the University of South Carolina in May 1983 and a MBA degree from Webster University in May 2000. I was employed by this Commission in July 1983, and have participated in cases involving gas, electric, telephone, and water and wastewater utilities. I have over 21 years of auditing experience with this Commission.

**Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY INVOLVING TOTAL ENVIRONMENTAL SOLUTIONS, INC.?**

1 A. The purpose of my testimony is to set forth, in summary form, the Staff's findings  
2 and recommendations resulting from our review of the Company's application in this  
3 docket. These findings and recommendations are set forth below and in the report of  
4 the Audit Department with attached exhibits.

5 **Q. I SHOW YOU THIS DOCUMENT. WOULD YOU IDENTIFY IT PLEASE?**

6 A. This is the "Public Service Commission of South Carolina, Commission Staff  
7 Report, Total Environmental Solutions, Inc., Docket No. 2004-90-W/S - Application  
8 for Rate Increase."

9 **Q. DID YOU PREPARE, OR CAUSE TO BE PREPARED UNDER YOUR**  
10 **DIRECTION AND SUPERVISION, A PORTION OF THIS DOCUMENT?**

11 A. Yes, with the exception of that portion which is tabbed Utilities Department, I  
12 prepared the report with assistance from the Audit Department Staff.

13 **Q. (MARK FOR IDENTIFICATION). PLEASE EXPLAIN THE CONTENTS**  
14 **OF THIS REPORT.**

15 A. As outlined in the Index of Staff's report, the first 5 pages contain the report analysis.  
16 The remaining pages consist of exhibits which were prepared to show various aspects  
17 of the Company's operations and financial position. The major portion of my  
18 testimony will refer to Audit Exhibit AC - Operating Experience and Operating  
19 Margin - Combined shown on page 6, Audit Exhibit AW- Operating Experience and  
20 Operating Margin - Water shown on page 7, and Audit Exhibit AS - Operating  
21 Experience and Operating Margin - Sewer shown on page 8. Staff prepared these

1 exhibits in compliance with the Commission's standard procedures for Water and  
2 Wastewater utility rate increases.

3 **Q. PLEASE EXPLAIN THE FORMAT OF AUDIT EXHIBITS AC, AW AND AS.**

4 A. Column (1) shows the Company's per book balances as of December 31, 2002. Staff  
5 verified the per book balances to the Company's books and records.

6 Column (2) shows the Staff's accounting and pro forma adjustments designed to  
7 normalize the Company's per book operations.

8 Column (3) shows Staff's computation of the Company's normalized test year prior to  
9 giving effect for the proposed increase.

10 Column (4) shows the Staff's adjustments for the proposed increase as furnished by  
11 the Utilities Department and the adjustments associated with the additional revenue.

12 Column (5) shows the Staff's computation of the normalized test year after the  
13 accounting and pro forma adjustments and the effect of the proposed increase and its  
14 associated adjustments.

15 **Q. PLEASE ELABORATE ON THE CALCULATIONS IN AUDIT EXHIBIT AC**  
16 **- OPERATING EXPERIENCE AND OPERATING MARGIN - COMBINED.**

17 A. Shown in column (1) is the per book operating experience of the Company's  
18 combined operations. Staff computed Total Income (Loss) for Return of (\$125,799)  
19 based on Total Operating Revenues of \$211,044 less Total Operating Expenses of  
20 \$336,843. The Staff did not include Customer Growth since 2003 year-end  
21 customers were used to annualize revenues. Total Income (Loss) for Return of  
22 (\$125,799) and Total Operating Revenues of \$211,044 produced an Operating

Margin of (59.61%). In column (2), Staff's accounting and pro forma adjustments are presented to normalize the Company's test year operations. A description of each adjustment is contained in Audit Exhibit A-1. Column (3) reflects the as adjusted figures. The accounting and pro forma adjustments for combined operations resulted in Total Income (Loss) for Return of (\$134,384). The Operating Margin changed from (59.61%) to (53.13%). Column (4) shows the effect of the proposed increase for combined operations as computed by the Utilities and Audit Departments. These adjustments are detailed in Audit Exhibit A-1 of the report and are labeled for the Proposed Increase. Column (5) shows per book operations as adjusted to normalize the test year and after the proposed increase is added to as adjusted revenues for combined operations. Using Total Income for Return of \$250,973 and Total Operating Revenue of \$791,414, Staff computed an Operating Margin of 31.71%. The Staff did not include Interest Expense in the computation of the Operating Margin since the Company has a negative Rate Base.

**Q. PLEASE ELABORATE ON THE CALCULATIONS IN AUDIT EXHIBIT  
AW- OPERATING EXPERIENCE AND OPERATING MARGIN - WATER.**

A. Shown in column (1) is the per book operating experience of the Company's water operations. Staff computed Total Income (Loss) for Return of (\$115,324) based on Total Operating Revenues of \$76,194 less Total Operating Expenses of \$191,518. The Staff did not include Customer Growth since 2003 year-end customers were used to annualize revenues. Total Income (Loss) for Return of (\$115,324) and Total Operating Revenues of \$76,194 produced an Operating Margin of (151.36%). In

column (2), Staff's accounting and pro forma adjustments are presented to normalize the Company's test year operations. A description of each adjustment is contained in Audit Exhibit A-1. Column (3) reflects the as adjusted figures. The accounting and pro forma adjustments for water rates increased Total Income (Loss) for Return to (\$126,480). The Operating Margin changed from (151.36%) to (116.82%). Column (4) shows the effect of the proposed increase for water operations as computed by the Utilities and Audit Departments. These adjustments are detailed in Audit Exhibit A-1 of the report and are labeled Proposed Increase. Column (5) shows per book operations as adjusted to normalize the test year and after the proposed increase is added to as adjusted revenues for water operations. Using Total Income for Return of \$119,077 and Total Operating Revenue of \$426,929, Staff computed an Operating Margin of 27.89%. The Staff did not include Interest Expense in the computation of the Operating Margin since the Company has a negative Rate Base.

**Q. PLEASE ELABORATE ON THE CALCULATIONS IN AUDIT EXHIBIT AS  
- OPERATING EXPERIENCE AND OPERATING MARGIN - SEWER.**

A. Shown in column (1) is the per book operating experience of the Company's sewer operations. Staff computed Total Income (Loss) for Return of (\$10,475) based on Total Operating Revenues of \$134,850 less Total Operating Expenses of \$145,325. The Staff did not include Customer Growth since 2003 year-end customers were used to annualize revenues. Total Income (Loss) for Return of (\$10,475) and Total Operating Revenues of \$134,850 produced an Operating Margin of (7.77%). In column (2), Staff's accounting and pro forma adjustments are presented to normalize

the Company's test year operations. A description of each adjustment is contained in Audit Exhibit A-1. Column (3) reflects the as adjusted figures. The accounting and pro forma adjustments for sewer operations resulted in Total Income (Loss) for Return of (\$7,904). The Operating Margin changed from (7.77%) to (5.46%). Column (4) shows the effect of the proposed increase for sewer operations as computed by the Utilities and Audit Departments. These adjustments are detailed in Audit Exhibit A-1 of the report and are labeled Proposed Increase. Column (5) shows the per book operations as adjusted to normalize the test year and after the proposed increase is added to as adjusted revenues for sewer operations. Using Total Income (Loss) for Return of \$131,896 and Total Operating Revenue of \$364,485, Staff computed an Operating Margin of 36.19%. The Staff did not include Interest Expense in the computation of the Operating Margin since the Company has a negative Rate Base.

**Q. PLEASE EXPLAIN THE ADJUSTMENTS IN AUDIT EXHIBIT A-1.**

A. The adjustments are as follows:

Adjustment # 1 – The Company proposes to reflect revenues based on a bill frequency analysis using present rates. The Utilities Department proposes to adjust revenues using the number of customers at December 31, 2003 and the present rates. The As Adjusted Revenues computed by the Utilities Staff totaled \$249,943 - combined, \$105,958 - water, and \$143,985 - sewer. These amounts less the per book amounts of \$199,242 - combined, \$67,964 - water, and \$131,278- sewer resulted in an adjustment of \$50,701 - combined, \$37,994 - water, and \$12,707 - sewer.

1        Adjustment # 2 – The Company proposes to reflect revenues for customers gained  
2        during 2003. Since the Utilities Department Staff annualized revenues based on  
3        2003 year-end customers, the Staff has already taken into consideration the growth in  
4        number of customers. Therefore, no customer growth adjustment is made since the  
5        revenues are based on 2003 year-end customers.

6        Adjustment # 3 – The Company proposes to reflect revenues for customers  
7        previously not being billed. The Staff did not make this adjustment since it  
8        annualized revenues based on 2003 year-end customers. These customers are  
9        included in the 2003 year-end customer count.

10       Adjustment # 4 – The Company proposes to reflect additional revenues for new  
11       taps. The Staff proposes to remove these tap fees from revenues. For ratemaking  
12       purposes, these amounts are considered contributions in aid of construction and a  
13       reduction to the Company's rate base. The Staff proposes to remove total tap fees  
14       collected in the test year of \$5,600 (combined), \$2,700 (water), and \$2,900 (sewer).

15       Adjustment # 5 – The Staff proposes to remove the South Carolina Department of  
16       Health and Environmental Control's (SCDHEC) fees and costs associated with the  
17       Safe Drinking Water Act from revenue and expenses. The Company is allowed to  
18       pass these costs through to the customer as a separate charge. These fees and costs,  
19       totaling \$3,221 for revenue and \$2,989 for expenses, are eliminated since they are  
20       not regulated by this Commission.

21       Adjustment # 6 – The Staff and Company propose to annualize direct wages and  
22       benefits for South Carolina employees. The Staff annualized wages using the most



1 current hourly rate at May 2004. Staff annualized the wages for three (3) employees  
2 whereas the Company used four (4) employees. Staff found that one employee, a  
3 Field Technician, no longer works for the Company and has not been replaced. The  
4 average overtime hours were computed using actual overtime hours for 2002, 2003,  
5 and annualized hours for 2004 applied to the most recent pay rates as of May 2004.  
6 Staff also computed FICA, FICA Medical, State Unemployment and Federal  
7 Unemployment Taxes on these wages. Dental, Health, Life Insurance and  
8 Retirement expenses were also annualized using the most current rates as of April  
9 2004. Total salaries and benefits amounted to \$93,682 for water and sewer  
10 operations. This amount was allocated to water and sewer based on the number of  
11 customers, resulting in an assignment of 51% to water and 49% to sewer, \$47,778  
12 and \$45,904 respectively. These amounts are netted against the per book amounts of  
13 \$47,281 (combined), \$28,854 (water) and \$18,427 (sewer) for adjustments of  
14 \$46,401 (combined), \$18,924 (water), and \$27,477 (sewer). The Staff did not  
15 allocate a portion of the wages to the Lockhart operations since the Lockhart  
16 operation is maintained by contract employees which are not employees of TESI.  
17 The differences in the Staff's and Company's adjustment arise due to differences in  
18 the hourly rates, average overtime, number of employees, and allocations to the  
19 Lockhart system.

20 Adjustment # 7 – The Company proposes to adjust expenses to reflect an increase in  
21 purchased water costs. Staff reviewed the adjustment and found that the increase  
22 was based on water usage only and that no actual increase in the water rates charged

1 by the Westminster Commission of Public Works occurred in 2002 or 2003.

2 Therefore, Staff does not propose to make this adjustment since the water usage can  
3 fluctuate and the usage is not known and measurable.

4 Adjustment # 8 – The Company originally proposed to reflect an increase in  
5 purchased power costs for booster stations. However, the booster stations were not  
6 purchased and therefore this adjustment should be eliminated. The Company  
7 informed Staff during its audit of these circumstances. Therefore, the Staff does not  
8 propose to make this adjustment.

9 Adjustment # 9 – The Staff and Company propose to remove Contract Operation  
10 Expenses from operating expenses. The Company's employees began performing  
11 this work in 2003. The expenses included daily operation of the wastewater  
12 treatment plant, lab work, sampling, monthly reports, and other contract work for  
13 sewer operations. For water operations, the expenses included contract work to  
14 repair leaks and broken water lines. The removal of these expenses eliminated the  
15 total per book amounts for Contract-Operations Expenses of \$2,405 for water,  
16 \$41,427 for sewer and \$43,832 for combined operations.

17 Adjustment # 10 - The Staff and Company propose to adjust for the increase in  
18 insurance premiums for Auto, General Liability, Excess (Umbrella) Liability,  
19 Property and Casualty, Pollution Coverage and Workers' Compensation. The  
20 premiums cover the period from December 2003 through December 2004. The 2004  
21 premiums were verified to the insurance company invoices. The vehicle insurance  
22 allocation was based on the use of 2 cars (total Company fleet of 90 cars) in South

1 Carolina. South Carolina's portion amounted to \$4,757. This amount was allocated  
2 51% (\$2,426) to water and 49% (\$2,331) to sewer based on the number of water and  
3 sewer customers. None of these vehicle insurance expenses was allocated to  
4 Lockhart since it is a contract system. The General Liability Insurance Allocation,  
5 which includes the Excess Liability (Umbrella Insurance), Property & Casualty,  
6 Pollution Coverage and General Liability, was based on customer counts at  
7 December 31, 2002. South Carolina's customers totaled 1,721 of the total company  
8 usage customers of 29,516. The Staff also reduced the premium by a portion  
9 allocated to the corporate office. South Carolina was allocated \$14,018. Staff then  
10 allocated this amount between the Mountain Bay water and sewer systems, and the  
11 Lockhart system based on customer counts of 517 (\$4,211) for Mountain Bay water,  
12 504 (\$4,105) for Mountain Bay sewer, and 700 (\$5,702) for the Lockhart system.  
13 The General Liability adjustment was applied to the Lockhart system which is owned  
14 by the Company and serves 700 customers even though it is basically considered one  
15 contract customer to the Company. Staff allocated the Workers' Compensation  
16 insurance based on the 2001 premiums from the Workers' Compensation audit,  
17 which was the last audit performed. South Carolina's premiums from the study  
18 amounted to \$583 of the total company amount of \$81,682, producing an allocation  
19 factor of .71374%. This factor was applied to the total Workers' Compensation 2004  
20 premium of \$152,899, resulting in an allocation to South Carolina of \$1,092 (\$553  
21 for water and \$539 for sewer). No Workers' Compensation Insurance expenses were  
22 allocated to the Lockhart system since the system is operated by contract employees.

1 The total adjustment amounted to \$7,190 for water, \$6,975 for sewer, and \$14,165  
2 for combined operations. The Company's adjustment was based on estimated  
3 premiums for 2004 and the Company's premiums were allocated 50% to water, 49%  
4 to sewer, and 1% to the Lockhart operations.

5 Adjustment # 11 – The Staff and Company propose to include the allocation of  
6 affiliated services expenses for the corporate office located in Baton Rouge,  
7 Louisiana and for the parent Company, South Louisiana Electric Cooperative  
8 Association (SLECA). The adjustment is based on information from the Company's  
9 Affiliated Services Charges Study as of December 31, 2002. The Staff verified a  
10 sample of the corporate expenses to invoices, verified allocations, and recalculated  
11 the schedules found in the study. The adjustment covered expenses from the  
12 following areas: Debt Service and Facilities Costs, Operating Capital Costs and  
13 Expenses, Professional Services, Parent Company Charges and Salaries, Wages and  
14 Benefits. Staff made all allocations to South Carolina based on the number of  
15 customers for water (517) and sewer (504) in proportion to the total amount of  
16 customers per the Company's Affiliated Services Charges Study, excluding  
17 Lockhart. The resulting factors were 1.23% to water and 1.20% to sewer. The  
18 allocations exclude the South Carolina Lockhart system since it is a contract  
19 customer, with very little to no work done on this system by the corporate office.

20  
21 The Company proposes to include total Annual Debt Services costs of \$32,142 and  
22 total facilities costs of \$21,127. The Company included a 20% coverage factor for

1 annual debt service and a 5% coverage factor for facilities costs, for a total amount of  
2 \$53,269. Of this amount, \$1,582 was allocated to South Carolina's Mountain Bay  
3 water and sewer systems. The Staff's adjustment removed the debt service costs,  
4 which is interest expense on the note for the corporate office, because the Company  
5 had a negative rate base. The Staff did not include a coverage charge for any of the  
6 Company's facilities costs since this amount was included by the Company as a  
7 margin to cover unexpected costs and cash flow requirements. Such amounts are not  
8 known and measurable and should not be included for ratemaking purposes. The  
9 Staff verified the facilities operating expenses to paid invoices. The Staff proposes to  
10 allow a total amount of \$18,105 with \$440 allocated to the South Carolina Mountain  
11 Bay water and sewer systems to cover facilities operating expenses.

12  
13 Additionally, the Company proposed to include corporate office operating costs and  
14 expenses totaling \$694,353, which included a 5% coverage charge, with \$27,771  
15 being allocated to South Carolina for the Mountain Bay water and sewer systems.  
16 The Staff excluded the 5% coverage charge because it is not a known and measurable  
17 expense. The Staff also eliminated depreciation expense because the Company has a  
18 negative rate base. Staff's total expenses amounted to \$634,538 with \$15,419 being  
19 allocated to South Carolina Mountain Bay water and sewer systems.

20  
21 The Company's total expenses for corporate office salaries, wages, and benefits  
22 amounted to \$722,280, which included a 5% coverage amount, with \$27,897 being

1 allocated to the South Carolina Mountain Bay water and sewer systems. The Staff  
2 did not include the 5% coverage amount because it is not known and measurable.  
3 The Staff recomputed corporate office wages and benefits using payroll hourly rates  
4 as of May 2004. Staff eliminated the corporate office employees which had been  
5 terminated in 2002 and allowed for a 3% pay increase received by salaried  
6 employees. Staff's total Company corporate office salaries, wages, and benefits  
7 amounted to \$867,012, with \$16,242 for wages and salaries, \$1,369 for payroll taxes,  
8 and \$1,943 for employee benefits allocated to South Carolina's Mountain Bay water  
9 and sewer systems. The total salaries and wages, payroll taxes and benefits allocated  
10 to South Carolina Mountain Bay systems amounted to \$19,554.

11  
12 The Staff's total corporate office adjustment, allocated to South Carolina-Mountain  
13 Bay water and sewer systems, amounted to General and Administrative Expenses of  
14 \$34,044 (water of \$17,233 and sewer of \$16,811) and Taxes Other Than Income of  
15 \$1,369 (water of \$693 and sewer of \$676). The Company's total adjustment,  
16 allocated to South Carolina Mountain Bay water and sewer systems, amounted to  
17 General and Administrative Expenses of \$52,565 (water of \$26,547 and sewer of  
18 \$26,018), Depreciation and Amortization of \$2,737 (water of \$1,384 and sewer of  
19 \$1,353) and Taxes Other Than Income of \$1,948 (water of \$984 and sewer of \$964).  
20 Adjustment # 12— The Staff and Company propose to adjust for rate case expenses  
21 associated with this filing. The Company estimated expenses of \$120,000 for water  
22 and \$120,000 for sewer and proposed to amortize these amounts over a 3-year

1 period. The Company's per book amounts of \$10,205 for water and \$8,605 for  
2 sewer were subtracted from the \$40,000 water amortization and the \$40,000 sewer  
3 amortization, resulting in adjustments of \$29,795 for water, \$31,395 for sewer and  
4 \$61,190 for combined operations. The Staff's adjustment is based on actual  
5 expenses verified to May 2004. The invoices were reviewed by Staff and total rate  
6 case expenses amounted to \$106,828 for water and \$29,882 for sewer, combined for  
7 a total of \$136,710. The Utility's last rate case proceeding was in 1993, eleven (11)  
8 years ago. However, the Staff proposes to use a more reasonable amortization period  
9 of 5 years. The Staff amortized \$106,828 over 5 years or \$21,366 per year for water  
10 less the Staff verified per book amount of \$8,117 and included an adjustment of  
11 \$13,249. The Staff amortized \$29,882 over 5 years or \$5,976 per year for sewer less  
12 the Staff verified per book amount of \$5,230 and included an adjustment of \$746.  
13 The Combined adjustment amounted to \$13,995.

14 Adjustment # 13 – The Staff and Company propose to adjust Depreciation Expense.

15 The Company proposes to include Depreciation Expense for the original plant in  
16 service and for plant additions. The original cost of Plant in Service was developed  
17 from the Company's Depreciation Cost Study. The adjustment also included 2003  
18 plant additions. The Company's adjustment amounted to \$38,308 for water, \$63,393  
19 for sewer and \$101,701 for combined operations. Staff calculated that the Company  
20 would have a total rate base of \$817,943 based on the depreciation study conducted  
21 by the utility for this proceeding. However, the Staff did not use the study because  
22 TESI did not pay \$817,943 for the utility. TESI purchased Mountain Bay and a

1 number of other water and wastewater companies from a bankruptcy proceeding.  
2 TESI paid a total price of \$3,450,000 to acquire the total systems from six (6)  
3 states. The Staff's adjustment allocated the purchase price to Mountain Bay based  
4 on the number of customers at December 31, 2002. The total number of customers  
5 in all the systems purchased was 42,624. Mountain Bay's customer base at  
6 December 31, 2002 was 1,021. Therefore, the Staff allocated 2.39536% or \$82,640  
7 of the purchase price to Mountain Bay. TESI made plant additions for 2001 and  
8 2002 of \$80,361 and plant additions for 2003 of \$94,396 at Mountain Bay after  
9 they purchased the utility. The total purchase price plus plant additions resulted in  
10 Gross Plant in Service of \$257,397. TESI has collected \$351,456 in lot  
11 enhancement fees for 2002 and 2003 and \$19,300 in tap fees from Mountain Bay's  
12 customers since it acquired the system. Tap fees and lot enhancement fees were  
13 treated by the Staff as being Contributions in Aid of Construction and accordingly  
14 they were treated as a reduction of the purchase price to TESI. The Staff calculated  
15 that TESI's original cost minus contributions in aid of construction and other rate  
16 base items would generate a negative rate base of (\$61,980). The Staff did not  
17 allow depreciation expense or interest expense due to this negative rate base.  
18 However, if the Commission decided to use the rate base from the study, which has  
19 been reduced by net contributions in aid of construction, tap fees from inception of  
20 the system and plant enhancement fees since the last rate case, depreciation  
21 expense would be \$15,160 and allowable Interest Expense would be \$15,678. The



1 resulting Operating Margins, which include Interest Expense, would be 25.40% for  
2 water, 33.80% for sewer, and 29.27% on a combined basis.

3 Adjustment # 14 – The Staff and Company propose to remove a nonallowable  
4 penalty of \$4,900 paid to the South Carolina Department of Health and  
5 Environmental Control. The payment was for a civil penalty in reference to Consent  
6 Order #02-248-W, NPDES # SC0022357.

7 Adjustment # 15 – The Staff proposes to remove expenses which the Staff considers  
8 to be nonallowable for ratemaking purposes. These expenses include credit card  
9 penalties of \$121, legal fees miscoded to the utility of \$180, and a late payment fee  
10 for purchased water of \$787.

11 Adjustment # 16 – The Staff and Company propose to reclassify property taxes that  
12 were incorrectly booked to the water system. The adjustment corrects the allocation  
13 between water and sewer.

14 Adjustment # 17 – The Staff and Company propose to adjust for the Gross Receipts  
15 Tax on present revenues. The Company used an assessment rate of .01324 for water  
16 operations and taxable revenues of \$113,642. The Company computed an amount of  
17 \$1,739 less the per book gross receipts of \$1,613 for an adjustment of \$126. The  
18 Company used a factor of .00696 for sewer operations and taxable revenues of  
19 \$148,728. The Company computed an amount of \$1,270 less the per book amount of  
20 \$1,065 for an adjustment of \$205. The combined adjustment amounted to total taxes  
21 of \$3,009 less the per book amount of \$2,678 for an adjustment of \$331. The Staff  
22 used the most recent PSC assessment rate of .007110428 and its present revenues for

1 water of \$108,267 for a computed amount of \$770 less the per book amount of  
2 \$1,613, resulting in an adjustment of (\$843). For sewer operations, Staff used  
3 present revenues of \$144,657 and the gross receipts factor of .007110428 for a  
4 computed amount of \$1,029 less the per book amount of \$1,065 for an adjustment of  
5 (\$36). The combined adjustment totaled \$1,799 less the per book amount of \$2,678  
6 for an adjustment of (\$879).

7 Adjustment #18 - The Company proposes to include Interest Expense as an above-  
8 the-line operating expense. The Staff does not consider Interest Expense as an  
9 operating expense, but includes Interest Expense, if applicable, when computing  
10 the Operating Margin. The Company has a negative rate base and therefore no  
11 Interest Expense was allowed by Staff.

12 Adjustment #19 – The Staff and Company propose to adjust revenues for the  
13 proposed increase. The Staff's proposed revenue adjustment amounted to \$318,662  
14 for water and \$219,828 for sewer, for a combined adjustment of \$538,490. The  
15 Company's proposed revenue adjustment amounted to \$319,508 for water, \$220,557  
16 for sewer and \$540,065 for combined operations.

17 Adjustment #20 - The Staff and Company propose to adjust for the Gross Receipts  
18 Tax on revenues after the proposed increase. The Company used an assessment rate  
19 of .01324 for water operations and taxable revenues of \$433,150. The Company  
20 computed an amount of \$5,970 less the as adjusted amount of \$1,739 for an  
21 adjustment of \$4,231. The Company used a factor of .00696 for sewer operations  
22 and its taxable revenues of \$369,285. The Company computed the amount of \$2,805

1 less the as adjusted amount of \$1,270 for an adjustment of \$1,535. The Staff used  
2 the most recent PSC assessment rate of .007110428 and its After the Proposed  
3 Revenue amount for water of \$426,929 for a computed amount of \$3,036 less the as  
4 adjusted amount of \$770, resulting in an adjustment of \$2,266. For sewer operations,  
5 Staff used the After the Proposed Increase Revenue of \$364,485 and the gross  
6 receipts factor of .007110428 for a computed amount of \$2,592 less the as adjusted  
7 amount of \$1,029 for an adjustment of \$1,563. The combined adjustment amounted  
8 to \$3,829.

9 Adjustment # 21 – The Staff and Company propose to adjust income taxes for the  
10 effect of the proposed increase. The Company used its water taxable revenues of  
11 \$433,150 and a state tax rate of 5.0% and a federal tax rate of 34%, resulting in an  
12 adjustment after expenses of \$4,406 for state taxes and \$28,460 for federal income  
13 taxes. The Company used its sewer taxable revenues of \$369,285 and a state tax rate  
14 of 5.0% and a federal tax rate of 34%, resulting in an adjustment after expenses of  
15 \$3,756 for state taxes and \$24,264 for federal income taxes. The combined  
16 adjustment amounted to \$32,866 for water, \$28,020 for sewer, and total taxes of  
17 \$60,886. The Staff used the After the Proposed Increase Revenues for water of  
18 \$426,929 and sewer of \$364,485 less operating expenses for taxable income. Staff  
19 used a 5% state tax rate and 34% federal tax rate resulting in an adjustment of  
20 \$70,839 for water, \$78,465 for sewer, and \$149,304 for combined operations. See  
21 Audit Exhibit A-2 for Computation of Income Taxes for details.

22 **Q. PLEASE DESCRIBE THE REMAINING AUDIT EXHIBITS.**

1 A. Audit Exhibit A-2 shows the Computation of Income Taxes. Audit Exhibit A-3  
2 shows the Income Statement for the Test Year Ended December 31, 2002. Audit  
3 Exhibit A-4 shows the Balance Sheet for the Test Year Ended December 31, 2002.

4 **Q. WHAT ARE THE RESULTANT OPERATING MARGINS FROM THE**  
5 **RATES BEING REQUESTED IN THIS CASE?**

6 A. The Staff computed an Operating Margin of 31.71% for combined operations,  
7 27.89% for water operations, and 36.19% for sewer operations.

8 **Q. DOES THIS CONCLUDE YOUR TESTIMONY?**

9 A. Yes, it does.

10

11

12

13